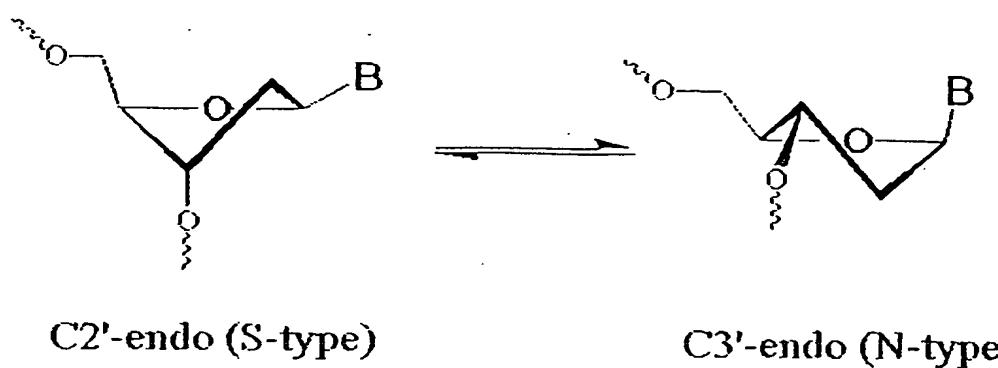


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Fig. 1

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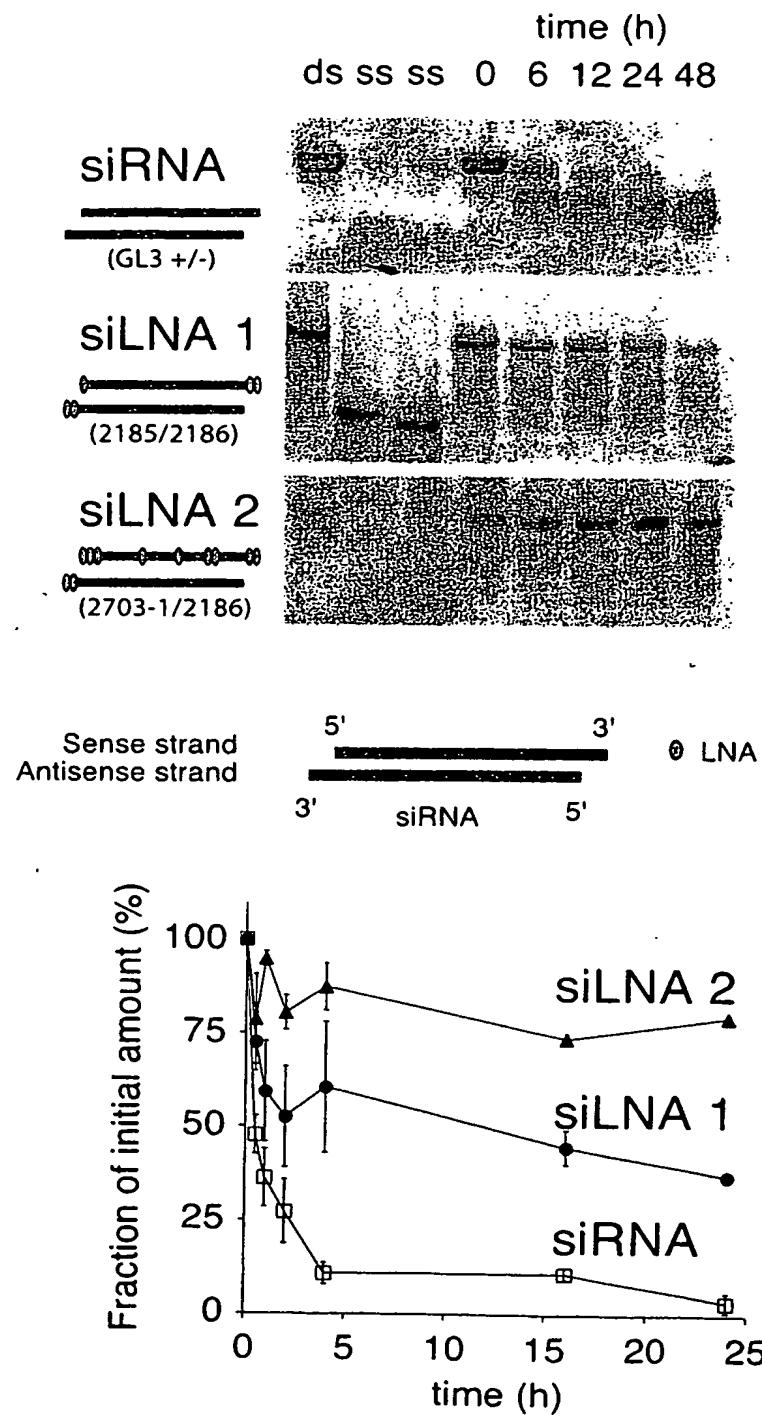


Fig. 2

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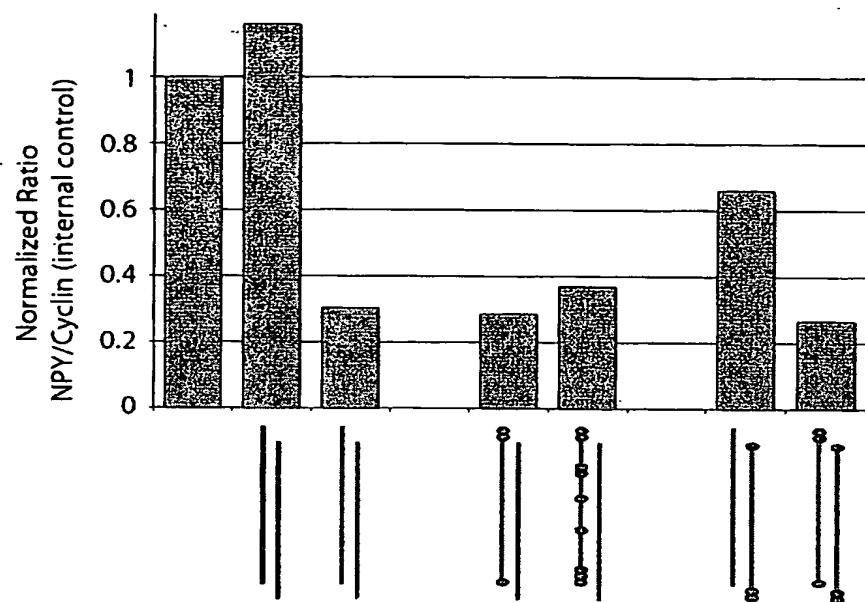


Fig. 3

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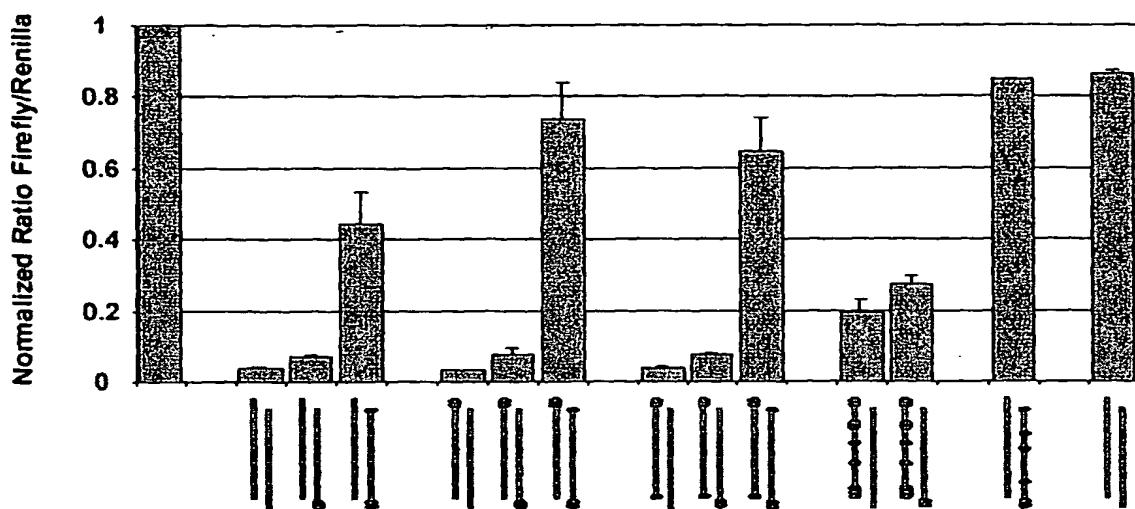


Fig. 4

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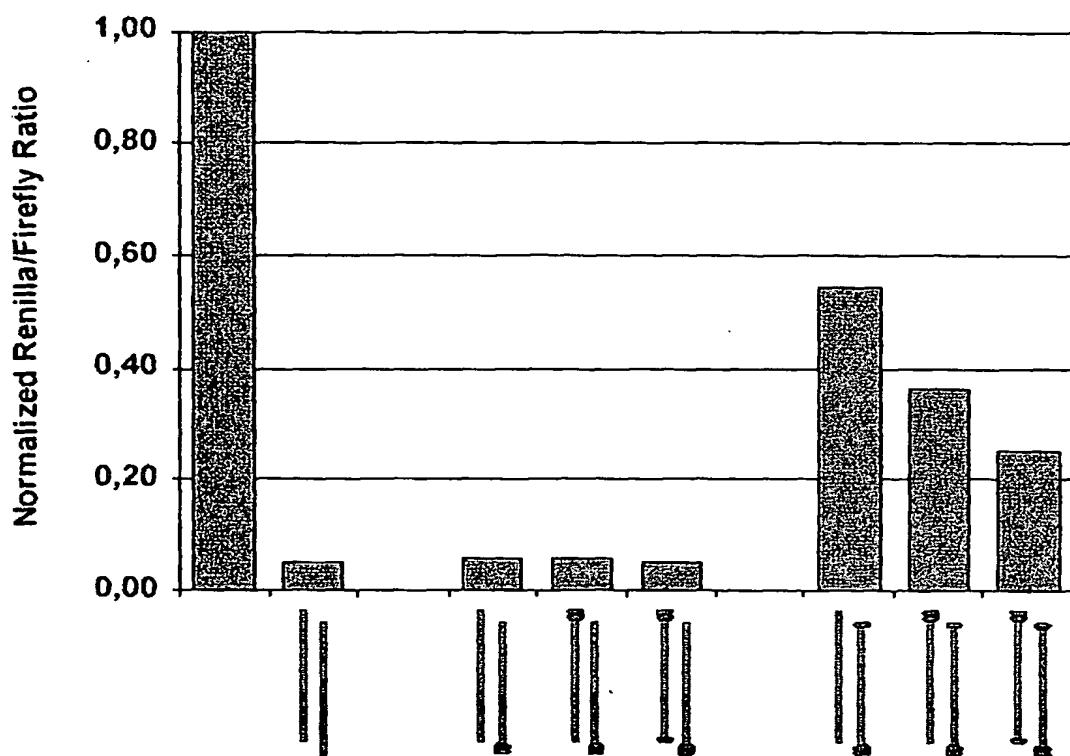


Fig. 5

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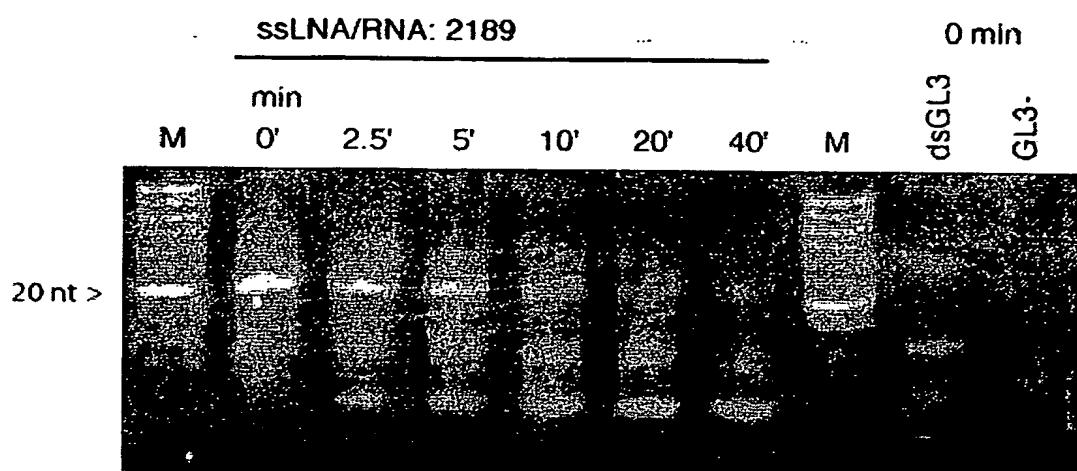
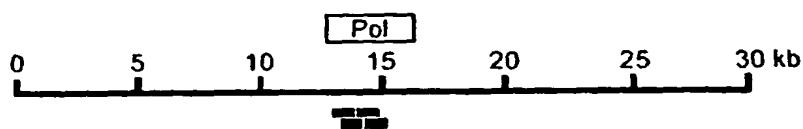


Fig. 6

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siRNA/siLNA targeting SARS**siRNA**

	<u>Start position</u>		<u>End position</u>
siRNA SARS 1:	13,547	5'-ggaugaggaaggcaauuuatt-3' 3'-ttccuacuccuuccguuaau-5'	13,567
siRNA SARS 2:	14,015	5'-cugguacgauuuucggugauTT-3' 3'-ttgaccaaugcuuaagccacua-5'	14,035
siRNA SARS 3:	14,595	5'-acugucaaaccgguaauTT-3' 3'-ttugacaguuuggggccauua-5'	14,615
siRNA SARS 4:	14,770	5'-gacaacuccuauuucguagutT-3' 3'-ttcuguugaggauaagcauca-5'	14,790

siLNA

siLNA SARS 1:	13,547	5'-GgaugaggaaggcaauuuuATT-3' 3'-TTccuacuccuuccguuaau-5'	13,567
siLNA SARS 2:	14,015	5'-CugguacgauuuucggugauTT-3' 3'-TTgaccaaugcuuaagccacua-5'	14,035
siLNA SARS 3:	14,595	5'-AcugucaaaccgguaauuTT-3' 3'-TTugacaguuuggggccauua-5'	14,615
siLNA SARS 4:	14,770	5'-GacaacuccuauuucguaguTT-3' 3'-TTcuguugaggauaagcauca-5'	14,790

Fig. 7

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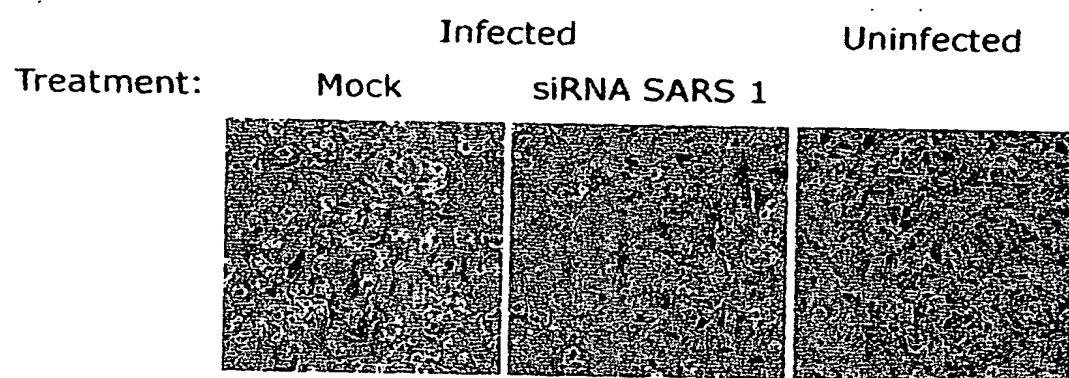


Fig. 8

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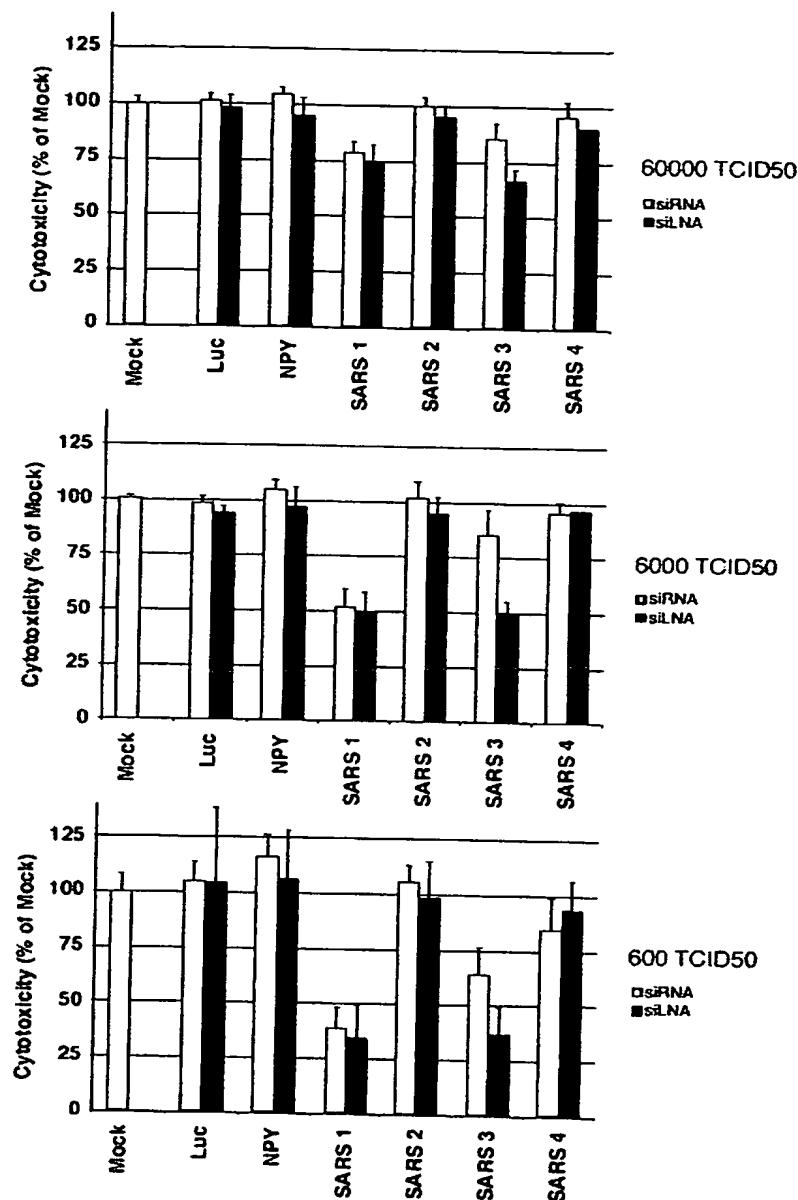


Fig. 9

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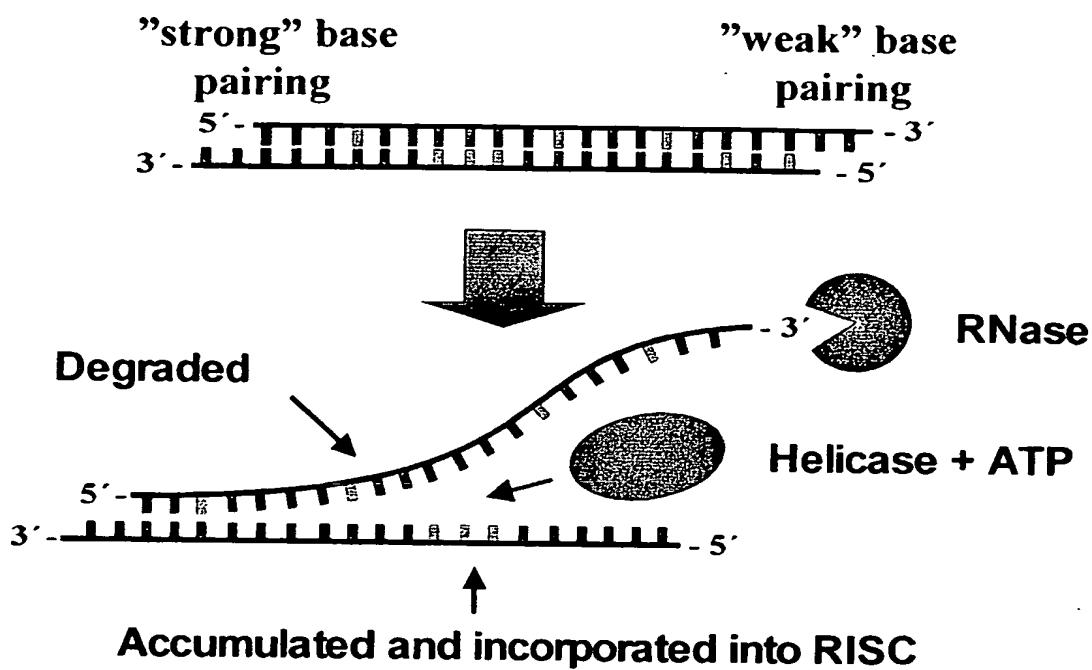


Fig. 10

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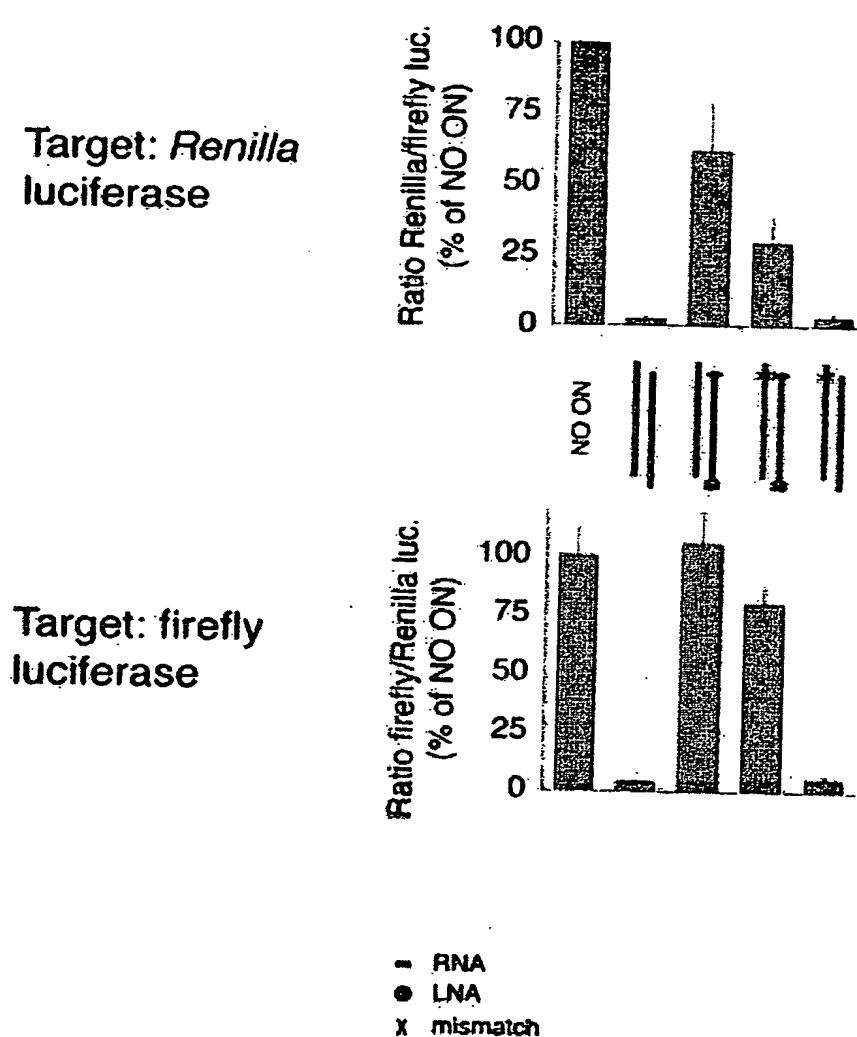


Fig. 11

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LNA walk on siRNA antisense strand

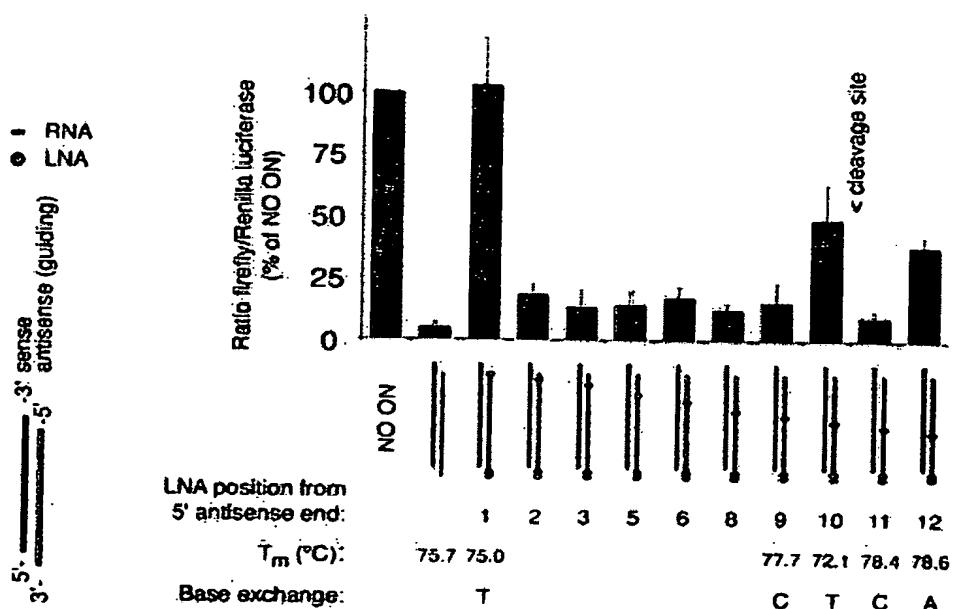


Fig. 12

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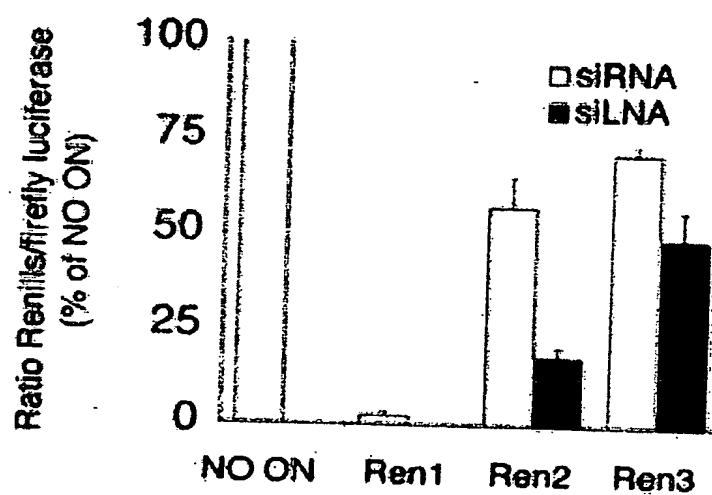
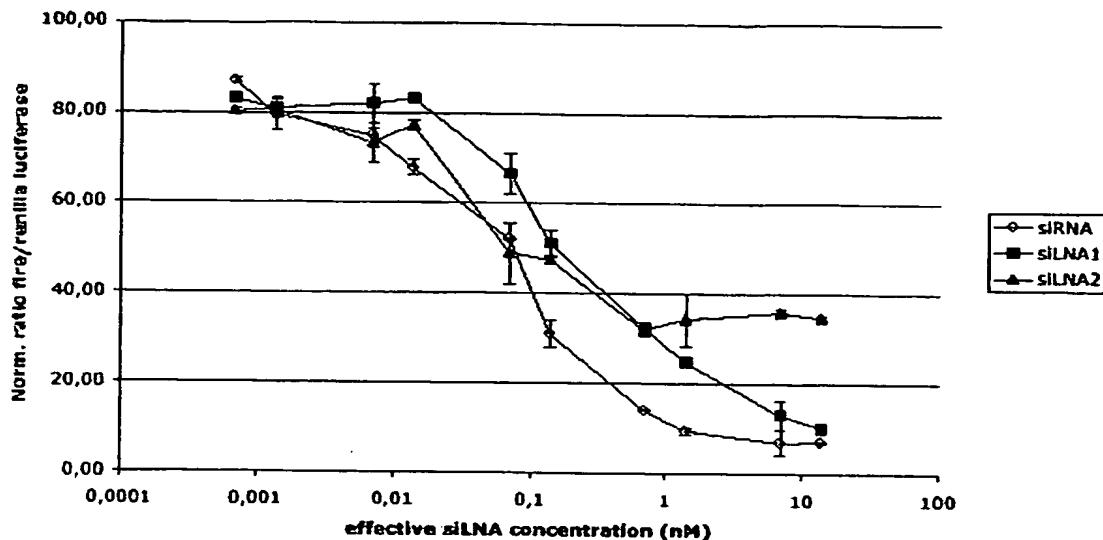


Fig. 13

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siRNA: 5' -cuuacgcugaguacuuucgatt-3'
 3' -ttgaaugcgacucaugaagcu-5'

siLNA1: 5' -CuuacgcugaguacuuucgaTT-3'
 3' -TTgaaugcgacucaugaagcu-5'

siLNA2: 5' -CTTacgcTgagTacTTcgaTT-3'
 3' -TTgaaugcgacucaugaagcu-5'

Fig. 14

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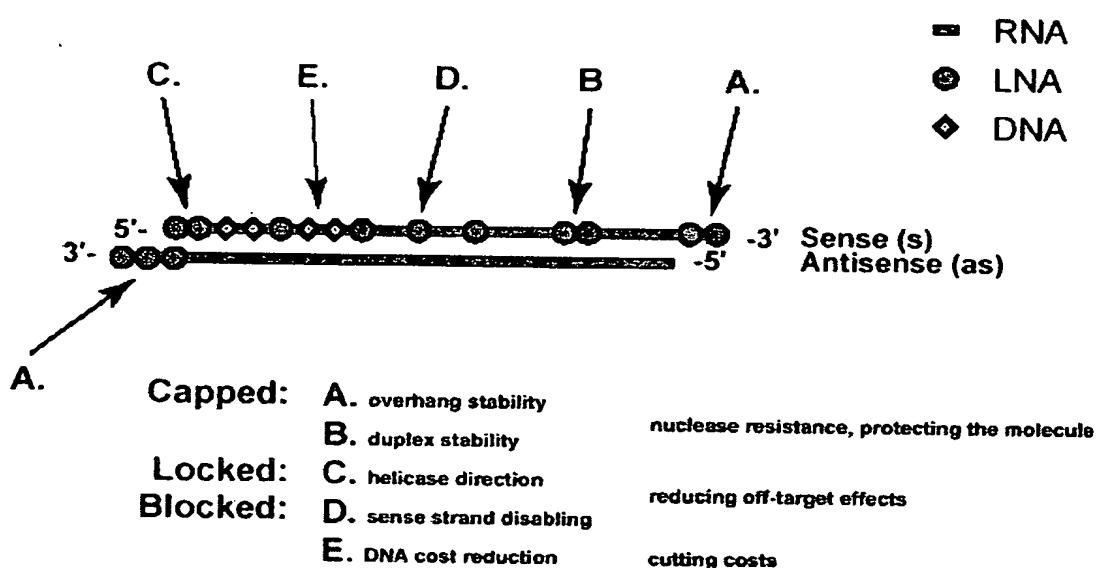


Fig. 15

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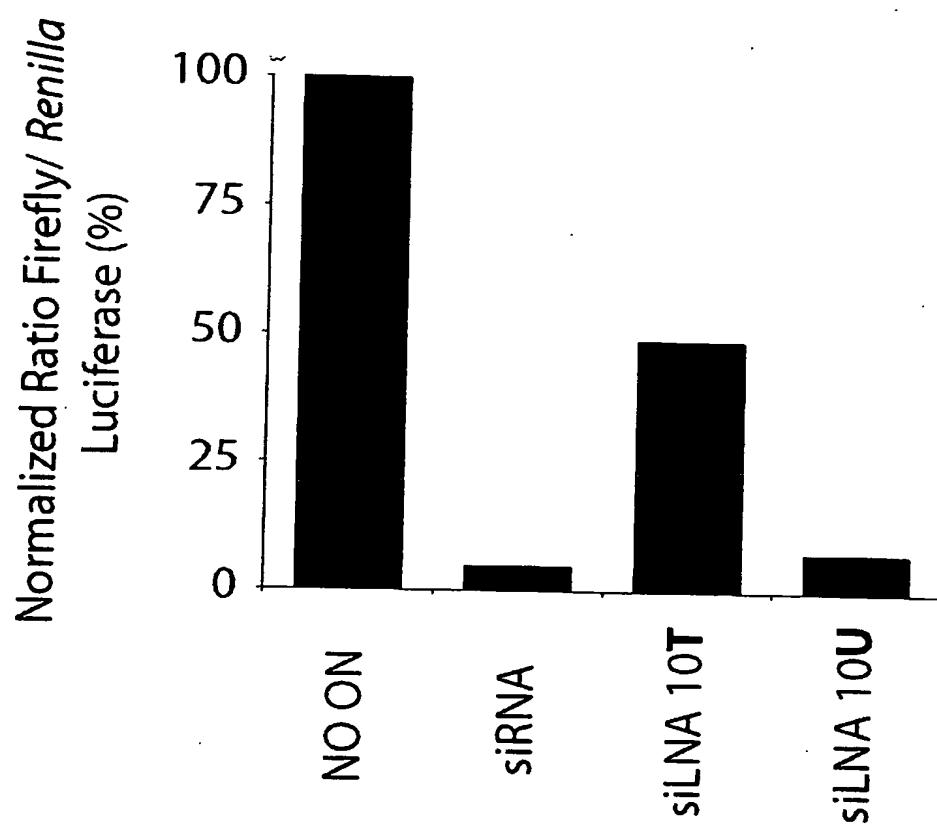
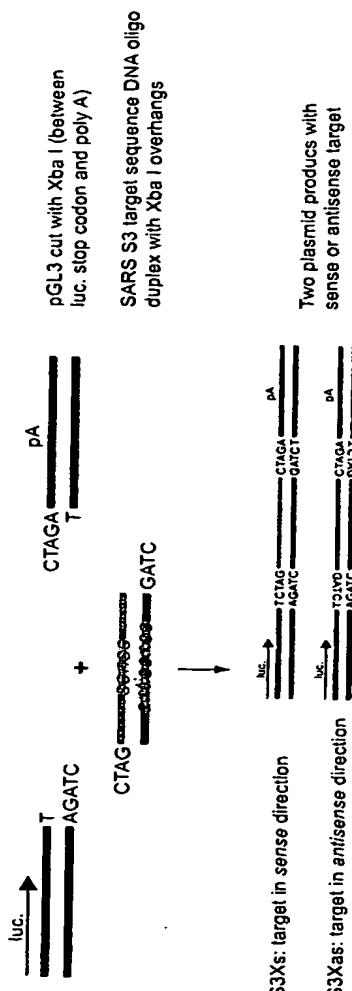


Fig. 16

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Cloning of SARS target sequence in sense and antisense direction in firefly luciferase 3' UTR



siRNA RISC assembly and target cleavage depending on incorporated strand

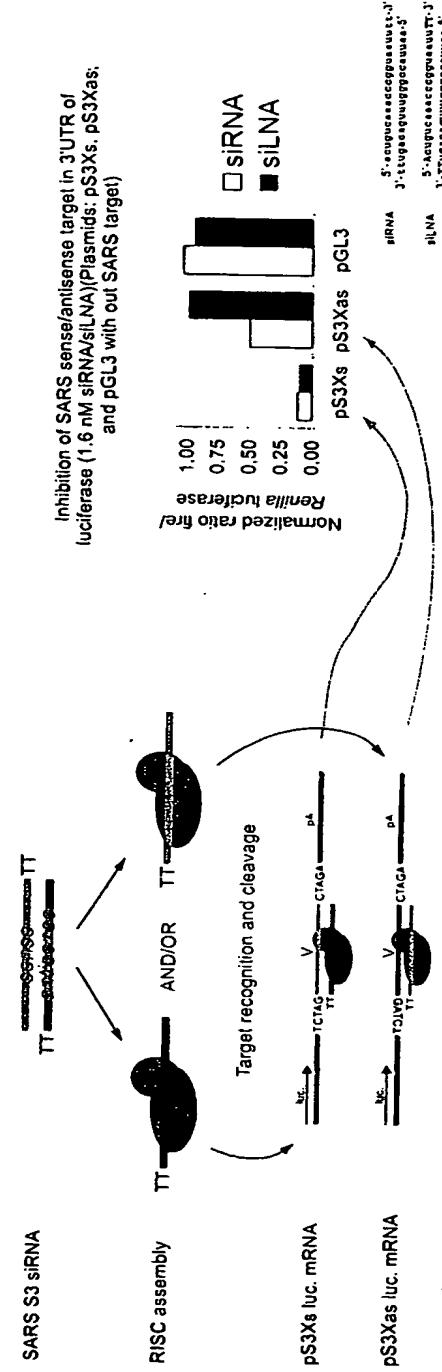


Fig. 17

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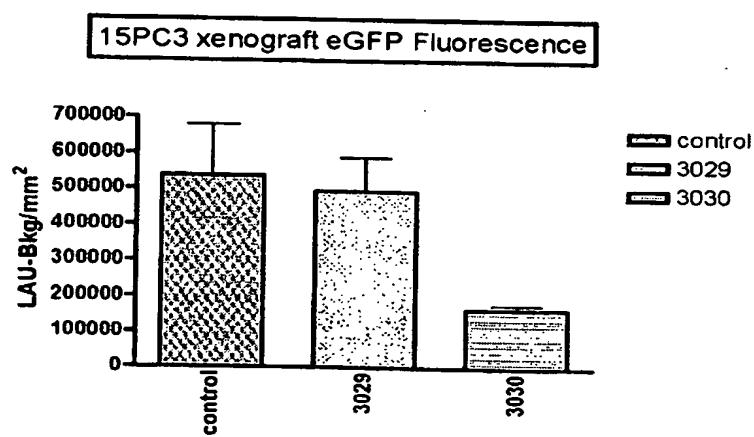
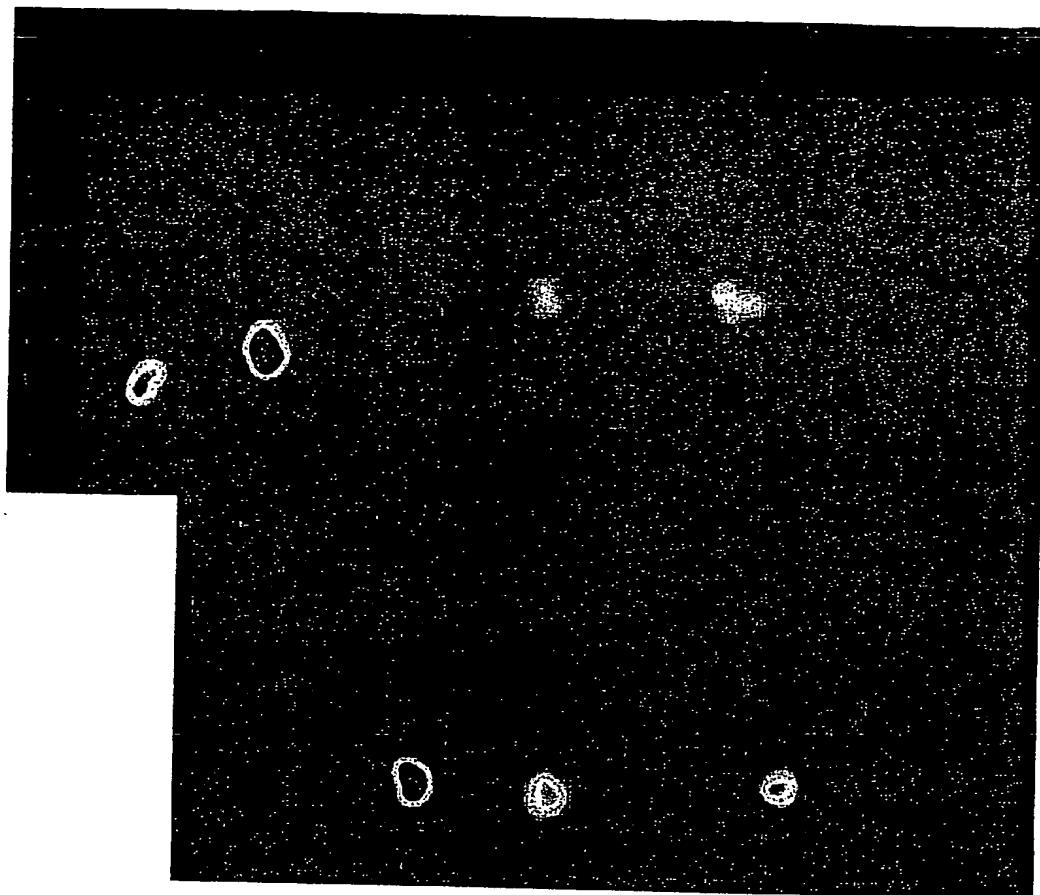


Fig. 18

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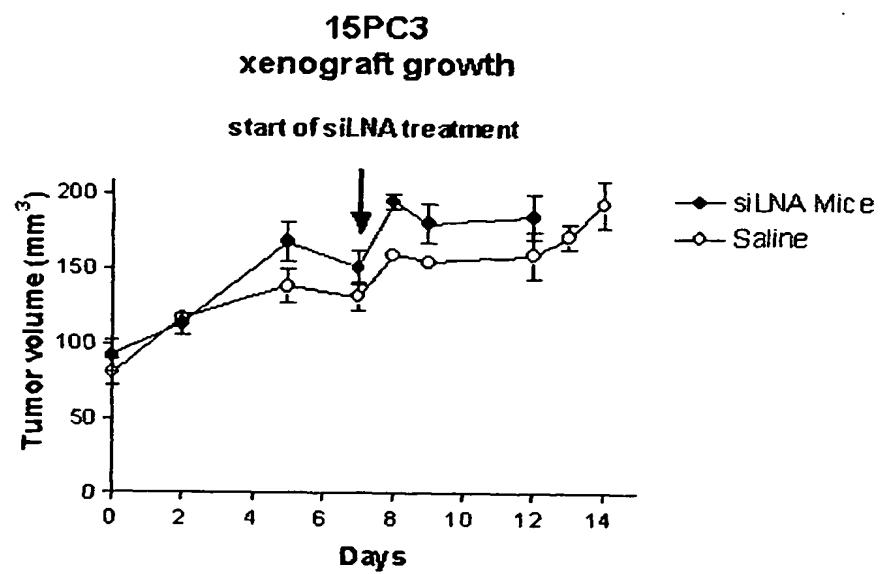


Fig. 19

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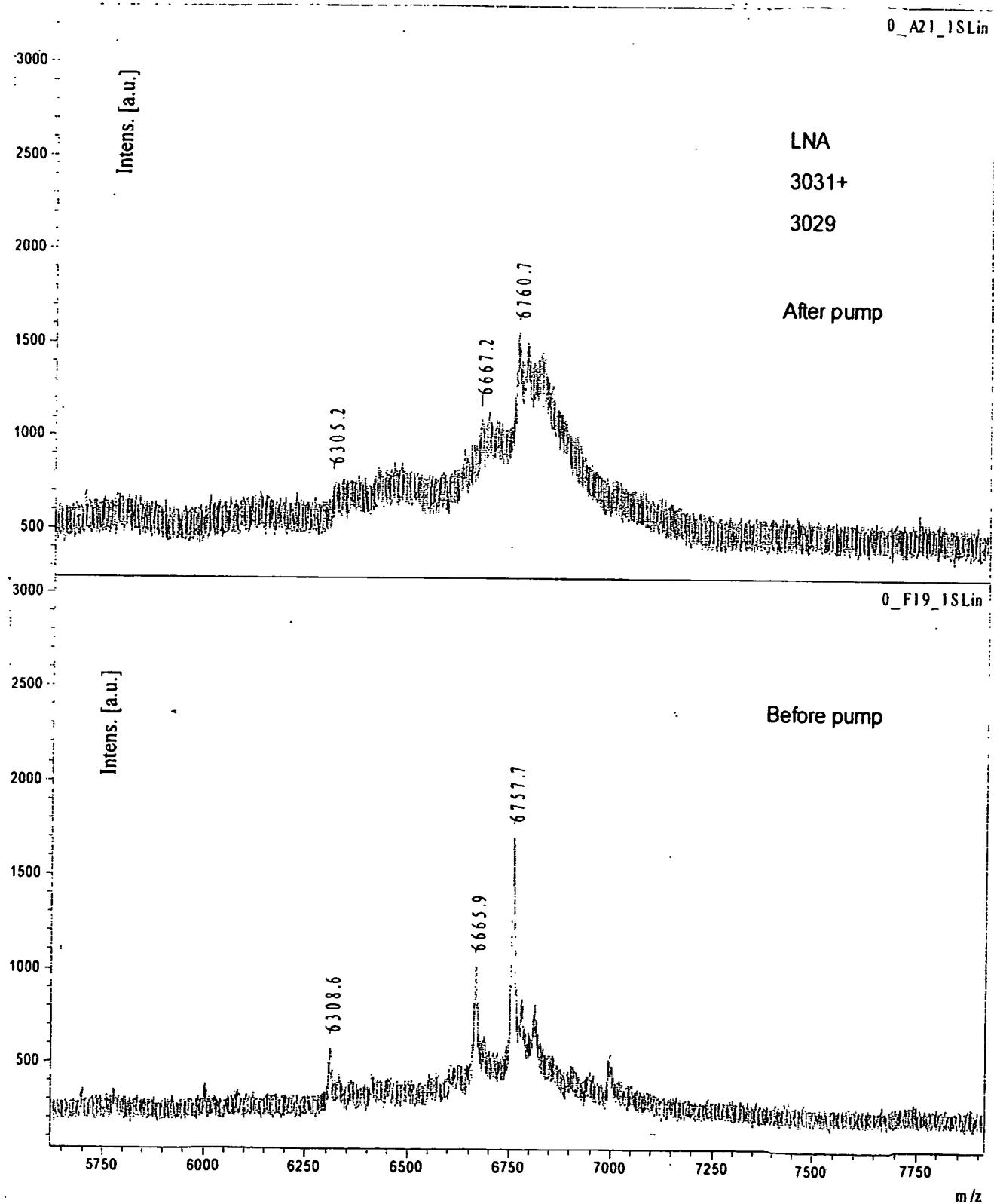


Fig. 20
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0_A23_2SLin

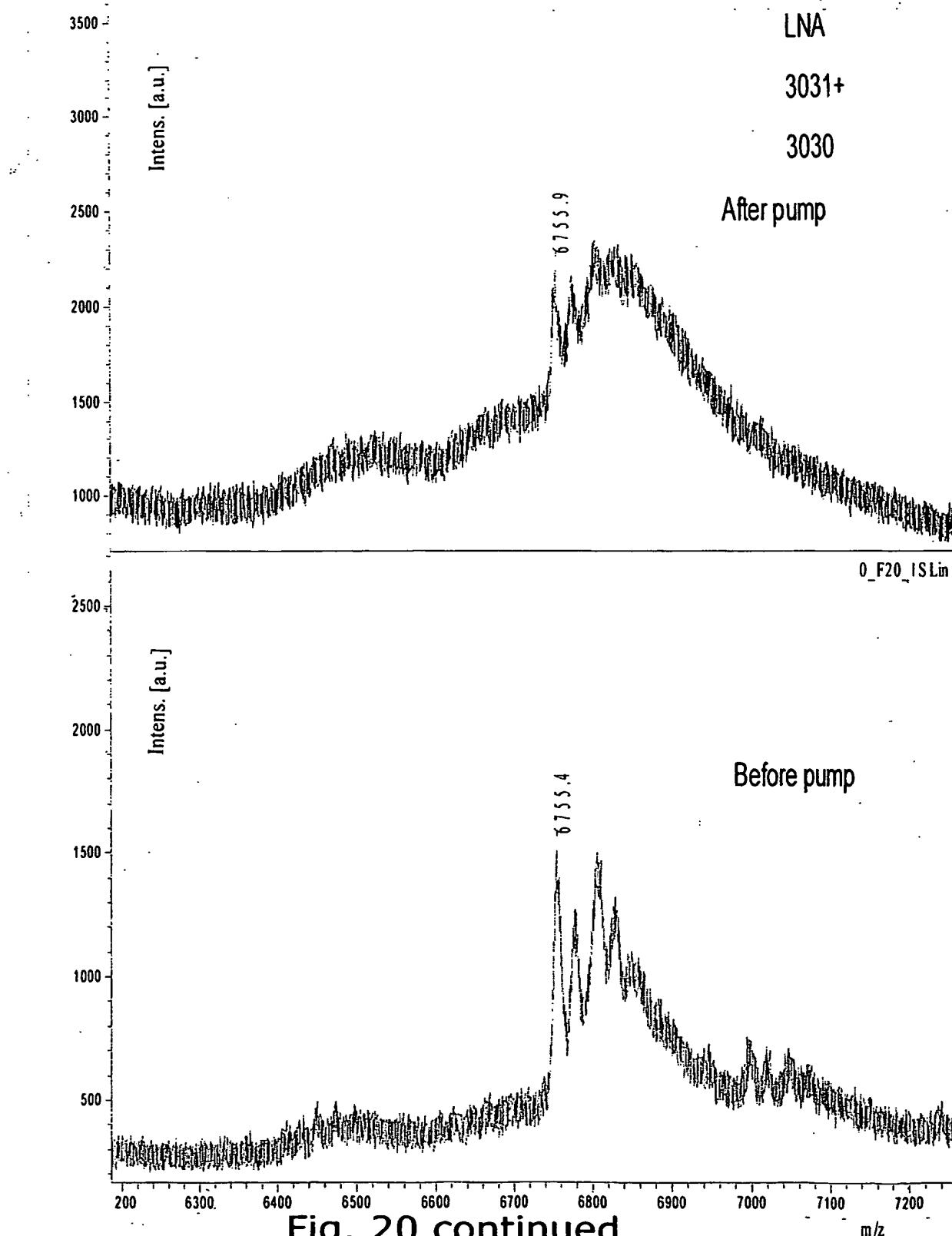


Fig. 20 continued

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